



U.S. ENVIRONMENTAL PROTECTION AGENCY POLLUTION REPORT

I. HEADING

DATE: 20 August 2003

SUBJECT: Sybill (a.k.a. SRS) PRP Removal Site, 111 Military Street, City of Detroit, Wayne County, Michigan

FROM: Brian Kelly, OSC, U.S. EPA, Region 5, ERB, RS1, Grosse Ile, MI

TO: R. Worley, U.S. EPA, OSWER, Washington, DC. (worley.ray@epa.gov)
 R. Karl, Chief, U.S. EPA, ERB, Chicago, IL (karl.richard@epa.gov)
 J. El-Zein, Section Chief, U.S. EPA, RS1, Grosse Ile, MI. (el-zein.jason@epa.gov)
 W. Messenger, Section Chief, U.S. EPA, ERB, Chicago, IL (messenger.william@epa.gov)
 T. Martin, U.S. EPA, ORC, Chicago, IL (martin.thomas@epa.gov)
 K. Khanna, U.S. EPA, ESS, Chicago, IL (khanna.kaushalya@epa.gov)
 R. Powers, U.S. EPA, Brownfield, Grosse Ile, MI (powers.ross@epa.gov)
 A. Marouf, U.S. EPA, H&S, Chicago, IL (marouf.afif@epa.gov)
 D. Battaglia, U.S. EPA, ERB-CIC, Chicago, IL (battaglia.denise @epa.gov)
 M. Hans, U.S. EPA, OPA, Chicago, IL (hans.mick@epa.gov)
 S. Hill, U.S. EPA, OPA, Chicago, IL (hill.stuart@epa.gov)
 L. Dykema, MDCH, Lansing, MI (DykemaL@michigan.gov)
 S. Kitler, MDEQ, Livonia, Michigan (kitlers@michigan.gov)
 T. Johnson, U.S. EPA, Grosse Ile, MI (johnson.tracy@epa.gov)
 J. Maritote, U.S. EPA, ERB, Chicago, IL (maritote.john@epa.gov)
 H. Watkins, Emg. Mgt., Detroit, MI (watkinsharold@dfdhg.ci.detroit.mi.us)
 S. Srivastava, EnvAfrs, C. of Detroit, MI (srivastav@envafrcs.ci.detroit.mi.us)
 P. Thornton, MDEQ, Lansing, MI (ThorntonPatriciaA@michigan.gov)

POLREP # 2: including photos of drum staging, mobilization, and oil/water in the breached clarifiers.

II. BACKGROUND

| | |
|---------------------|--|
| Site ID No.: | B54J |
| Response Authority: | CERCLA/OPA |
| NPL Status: | Not on NPL |
| State Notification: | Yes - State participated in assessment |
| Latitude/Longitude: | N 42°18.300', W 83°06.000' |
| Start Date: | July 25, 2003 |
| Completion Date: | TBD |

III. SITE INFORMATION

A. Incident Category

Potentially Responsible Party (PRP)-Removal Action of 300,000 gallons of used waste oil mixed with hazardous waste and 27,000 gallons of hazardous wastes including flammable, corrosive, and toxic substances in vandalized, leaking tanks, drums, small containers, and an ash pit.

B. Site Description and Background

The Sybill site is located at 111 Military Road in Detroit, Wayne County, Michigan, and is comprised of a process building (including boiler house), an office building, a small pump house, a water tower, two parking areas, and 26 ASTs (5 outdoor and 21 indoor) with a combined storage capacity of approximately 1,682,000 gallons. The nearest waterway is the Detroit River located approximately 0.5 miles southeast of the facility.

Background

See POLREP 1 for details.

C. Description of Threat

The Sybill Site was abandoned with 300,000 gallons of used waste oil, 27,000 gallons of CERCLA hazardous substances, and numerous flammable and corrosive drums and cylinders remaining on site.

IV. RESPONSE INFORMATION

A. Situation

Current situation:

Altech Environmental, Connestoga Rovers and Associates, and Clean Waters (PRP contractors) have completed mobilization and are consolidating and sampling waste streams pending disposal. Air monitoring is being conducted during waste consolidation and sampling. 24-hour security is being provided for the duration of the project.

Site activities to date: (08/01/03 to 08/19/03)

August 1, 2003 - PRP contractor personnel met on site with Harold Watkins of the City of Detroit Emergency Management Department (liaison for Fire Department) to notify him of upcoming removal activities. The Detroit Police Department was notified by phone.

August 4 - 6, 2003 - PRP contractors completed site preparation activities. Decontamination facilities were mobilized to site. The initial site walk-through of the office building was completed, and will be used as a drum storage area. A walk-through of the process building was postponed due to slip-and-fall hazards caused by a heavy oil coating of the floor. A windsock was raised on the site and background air monitoring was initiated.

August 7, 2003 - PRP contractor personnel began waste inventory and sampling activities. Cylinders of compressed gas, hexane drums, and drums labeled flammable were moved into the office building staging area. Miscellaneous lab chemicals were collected and stored in the waste staging area. U.S. EPA held first weekly progress meeting.

August 8, 2003 - PRP contractors collected 42 drum samples from drums staged within the process building.

August 11 - 12, 2003 - Mobile lab arrived on site for compatibility analysis on the waste samples. PRP contractor personnel continued waste sampling activities. Samples were collected from the tanker trucks, three clarifiers (tanks 3, 4, and 5), and the dike area around the clarifiers. Samples from the clarifiers and the dike area were sent to an off-site laboratory for disposal analysis. Subject to analytical results, these wastes will be removed for processing/recycling at Edward's Oil. PRP contractor personnel pumped the oil/water mixture from the floor of the process building via a vac truck.

August 13 - 19, 2003 - PRP contractor personnel completed the sampling of the remaining four drums located in the process building. PRP contractor personnel installed a new valving system along the vertical tanks, which will enable them to collect samples in a safe manner. Samples were collected from a roll-off box within the process building that appeared to be an oil/water separator. A sample was also collected from the caustic acid tank.

B. Planned Removal Activities

1. Waste Sampling and Compatibility Analysis
2. Waste Consolidation
3. Disposal Characterization Sampling
4. Waste Removal and Disposal
5. Removal-Action Close-out
6. Project Completion Report

C. Next Steps

1. Waste consolidation.
2. Waste removal and disposal at Edward's Oil
3. Compound specific air monitoring using Summa canisters

D. Key Issues

PRP removal.

V. COST INFORMATION

Estimated site costs as of 08/20/03

| | CEILING | COSTS |
|-----------------|-----------|----------|
| START (new TDD) | \$ 17,500 | \$ 4,632 |
| ER | \$ 10,000 | \$ 7,500 |
| U.S. EPA | \$ 8,000 | \$ 5,700 |

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report is written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.